(("deployment descriptor") and validate)
Terms used: deployment descriptor validate

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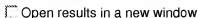
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1 **Model-driven framework for dynamic deployment and reconfiguration of component-based software systems**
Abdelmadjid Ketfi, Noureddine Belkhatir
November 2005 MIS '05: Proceedings of the 2005 symposia on Metainformatics
Publisher: ACM
Full text available: 🔲 Pdf (368.55 KB) Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 107, Citation Count: 0

Permanent and uninterrupted functioning can be sometimes a requirement for some kinds of software systems. This is especially true in the case of complex and distributed systems where stopping and restarting the system constitute a tedious and costly ...

Keywords: MDA, component, dynamic deployment / reconfiguration, framework, metamodel

2 **RoadMapAssembler: a new pattern-based J2EE development tool**
Jun Chen, Steve MacDonald
October 2005 CASCON '05: Proceedings of the 2005 conference of the Centre for Advanced Studies on Collaborative research
Publisher: IBM Press
Full text available: 🔲 Pdf (168.81 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 76, Citation Count: 0

The quality of a J2EE web application depends on both the correctness of the code as well as the efficiency and flexibility of its architecture. Unfortunately, the design and development process is complex and includes tedious coding details, making ...

Keywords: deployment information, design patterns, development tool, frameworks, java 2 Enterprise Edition (Version 2.1), name space

3 **Towards context-aware and resource-driven self-adaptation for mobile handheld applications**
Davy Preuveneers, Yolande Berbers
March 2007 SAC '07: Proceedings of the 2007 ACM symposium on Applied computing
Publisher: ACM
Full text available: 🔲 Pdf (315.25 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 112, Citation Count: 0

Mobile handheld computing is gaining momentum as more and more wireless handheld

devices are being used to accomplish various computing tasks. Context-awareness can help to adapt and personalize applications or to optimize resource usage. However, many ...

Keywords: adaptation, context-awareness, mobile computing

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4 Towards a user-oriented environment for web services composition

Mahmoud M. Elgayyar, Sascha J. Alda, Armin B. Cremers

May 2008 WEUSE '08: Proceedings of the 4th international workshop on End-user software engineering

Publisher: ACM

Full text available: Pdf (488.33 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 80, Citation Count: 0

Current web services composition engines like ActiveBPEL provide only facilities to create static workflow compositions. Once a workflow is deployed and started, the constructs that represent the workflow cannot be altered subsequently. In fact, only ...

Keywords: AJAX, business process execution language (bpel), service oriented architecture (soa), tailorability, web services

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5 Static analysis of role-based access control in J2EE applications

Gleb Naumovich, Paolina Centonze

September 2004 ACM SIGSOFT Software Engineering Notes, Volume 29 Issue 5

Publisher: ACM

Full text available: Pdf (110.63 KB) Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 70, Citation Count: 4

This work describes a new technique for analysis of Java 2, Enterprise Edition (J2EE) applications. In such applications, Enterprise Java Beans (EJBs) are commonly used to encapsulate the core computations performed on Web servers. Access to EJBs is ...

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6 Extending Apache Axis for monitoring of Web Service Offerings

Wei Ma, Vladimir Tosic, Babak Esfandiari, Bernard Pagurek

March 2005 BSN '05: Proceedings of the IEEE EEE05 international workshop on Business services networks

Publisher: IEEE Press

Full text available: Pdf (121.03 KB) Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 68, Citation Count: 1

The Web Service Offerings Infrastructure (WSOI) is a monitoring and management infrastructure for the Web Service Offerings Language (WSOL). It extends Apache Axis, an open-source tool for hosting Web Services. We present technical details of several ...

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7 Modular Java web applications

Simon Richard Kaegi, Dwight Deugo

March 2008 SAC '08: Proceedings of the 2008 ACM symposium on Applied computing

Publisher: ACM

Full text available: Pdf (72.58 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 69, Citation Count: 0

As Java EE applications increase in size and complexity the constraints imposed by the existing component model restrict their utility. In this paper, we describe a solution to the

problem related to building modular and evolvable server-side applications ...

Keywords: OSGi, eclipse, java EE, server-side, web applications

8 A framework for implementing pluggable type systems
Chris Andreae, James Noble, Shane Markstrum, Todd Millstein
October 2006 OOPSLA '06: Proceedings of the 21st annual ACM SIGPLAN conference on
          Object-oriented programming systems, languages, and applications
Publisher: ACM
Full text available: Pdf (294.23 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 139, Citation Count: 8

Pluggable types have been proposed to support multiple type systems in the same
programming language. We have designed and implemented JavaCOP, a program
constraint system for implementing practical pluggable type systems for Java. JavaCOP ...

Keywords: JavaCOP, pluggable type systems

9 Semantic Web services
Jagadeesh Nandigam, Venkat N. Gudivada, Mrunalini Kalavala
October 2005 Journal of Computing Sciences in Colleges, Volume 21 Issue 1
Publisher: Consortium for Computing Sciences in Colleges
Full text available: Pdf (1.81 MB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 374, Citation Count: 0

In this paper, we describe what Semantic Web and Web services are; discuss underlying
core technologies for Web services, and list how Web services manifest in modern
computing. Next we show how to build and deploy a weather web service using
Micro"soft.NET ...

10 Towards a BPEL unit testing framework
Philip Mayer, Daniel Lübke
July 2006 TAV-WEB '06: Proceedings of the 2006 workshop on Testing, analysis, and
          verification of web services and applications
Publisher: ACM
Full text available: Pdf (198.95 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 328, Citation Count: 0

The Business Process Execution Language (BPEL) is emerging as the new standard in Web
service composition. As more and more workflows are modelled using BPEL, unit-testing
these compositions becomes increasingly important. However, little research has ...

Keywords: BPEL, BPELUnit, composition, orchestration, testing, unit testing

11 Managing information quality in e-science: the qurator workbench
Paolo Missier, Suzanne M. Embury, Mark Greenwood, Alun Preece, Binling Jin
June 2007 SIGMOD '07: Proceedings of the 2007 ACM SIGMOD international conference on
          Management of data
Publisher: ACM
Full text available: Pdf (138.66 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 148, Citation Count: 0

Data-intensive e-science applications often rely on third-party data found in public

repositories, whose quality is largely unknown. Although scientists are aware that this uncertainty may lead to incorrect scientific conclusions, in the absence of a ...

Keywords: information quality management, semantic modelling of information quality

12 Business-to-business interactions: issues and enabling technologies
B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid
May 2003 The VLDB Journal — The International Journal on Very Large Data Bases.
Volume 12 Issue 1
Publisher: Springer-Verlag New York, Inc.

Full text available: Pdf (558.34 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 109, Downloads (12 Months): 1032, Citation Count: 21

Business-to-Business (B2B) technologies pre-date the Web. They have existed for at least as long as the Internet. B2B applications were among the first to take advantage of advances in computer networking. The Electronic Data Interchange (EDI) business ...

Keywords: B2B Interactions, Components, E-commerce, EDI, Web services, Workflows, XML

13 Reconciling scenario-centered controller design with state-based system models
Holger Giese, Ekkart Kindler, Florian Klein, Robert Wagner
July 2005 ACM SIGSOFT Software Engineering Notes,   Volume 30 Issue 4
Publisher: ACM

Full text available: Pdf (285.26 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 36, Citation Count: 1

Scenarios are an effective means for defining the expected behavior of a system during the design and implementation phase. The 'Come Let's Play' approach has demonstrated that scenarios can fully define a system's behavior. In practice, however, the ...

14 Architecting in the Face of Uncertainty: An Experience Report
Ian Gorton, Jereme Haack
May 2004 ICSE '04: Proceedings of the 26th International Conference on Software Engineering
Publisher: IEEE Computer Society

Full text available: Pdf (218.04 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 31, Citation Count: 5

Understanding an application's functional and non-functionalrequirements is normally seen as essential fordeveloping a robust product suited to client needs. Thispaper describes our experiences in a project that, bynecessity, commenced well before concrete ...

15 A concrete solution for web services adaptability using policies and aspects
Fabien Baligand, Valérie Monfort
November 2004 ICSOC '04: Proceedings of the 2nd international conference on Service oriented computing
Publisher: ACM

Full text available: Pdf (368.60 KB)   Additional Information: full citation, abstract, references, cited by, index terms, review

Traditional middleware is usually developed on monolithic and non-evolving entities, resulting in a lack of flexibility and interoperability. Among current architectures, Service Oriented Architectures aim to easily develop more adaptable Information ...

Keywords: adaptability, aspect oriented programming, reusability, service, service oriented architecture, web service

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16 An improved component model for component based software engineering

R. Senthil, D. S. Kushwaha, A. K. Misra
July 2007 ACM SIGSOFT Software Engineering Notes, Volume 32 Issue 4
Publisher: ACM
Full text available: Pdf (574.63 KB) Additional Information: full citation, abstract, references, index terms

This paper focuses on Component Based Software Engineering (CBSE) and generic connectors for the software components. An attempt has been made to describe n-tier architecture; in particular, data access architecture in a component based application. ...

Keywords: component-based software engineering, composition, encapsulation, interfaces, pattern, software components

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17 A framework for implementing pluggable type systems

Chris Andreae, James Noble, Shane Markstrum, Todd Millstein
October 2006 ACM SIGPLAN Notices, Volume 41 Issue 10
Publisher: ACM
Full text available: Pdf (294.23 KB) Additional Information: full citation, abstract, references, cited by, index terms

Pluggable types have been proposed to support multiple type systems in the same programming language. We have designed and implemented JavaCOP, a program constraint system for implementing practical pluggable type systems for Java. JavaCOP ...

Keywords: JavaCOP, pluggable type systems

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18 Globus security model for grid environment

Nitin V. Kanaskar, Umit Topaloglu, Coskun Bayrak
November 2005 ACM SIGSOFT Software Engineering Notes, Volume 30 Issue 6
Publisher: ACM
Full text available: Pdf (372.40 KB) Additional Information: full citation, abstract, references, index terms

Grid technology is increasingly being looked upon as a natural extension of the internet for engaging in complex data processing tasks over resources which are distributed across the world. Architects and developers employing grid systems must take into ...

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19 Quality views: capturing and exploiting the user perspective on data quality

Paolo Missier, Suzanne Embury, Mark Greenwood, Alun Preece, Binling Jin
September 2006 VLDB '06: Proceedings of the 32nd international conference on Very large data bases
Publisher: VLDB Endowment
Full text available: Pdf (1.05 MB) Additional Information: full citation, abstract, references, index terms

There is a growing awareness among life scientists of the variability in quality of the data in public repositories, and of the threat that poor data quality poses to the validity of experimental results. No standards are available, however, for computing ...

20 Reconciling scenario-centered controller design with state-based system models

Holger Giese, Ekkart Kindler, Florian Klein, Robert Wagner

May 2005 SCESM '05: Proceedings of the fourth international workshop on Scenarios and state machines: models, algorithms and tools

Publisher: ACM

Full text available: Pdf (285.26 KB) Additional Information: full citation, abstract, references, cited by, index terms

Scenarios are an effective means for defining the expected behavior of a system during the design and implementation phase. The 'Come Let's Play' approach has demonstrated that scenarios can fully define a system's behavior. In practice, however, the ...

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